

QuickFit+

Firm

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Technical Guide

QuickFit+

Product name

QuickFit+

Product description

UNYQ QuickFit+ Covers, our semi-custom prosthetic covers, are our ready-to-fit option available for transfemoral prostheses for specific prosthetic knees. Made by 3D printing in Polyamide (PA12), a thermoplastic material with great mechanical properties which makes it ideal to create resistant and lightweight covers.

These covers offer protection for the prosthetic components and a limb shape for the user. They come in a standard length and shape that can be directly adjusted in the clinic for each user.

These covers can be stocked, as there are no photos and measurements required, having them ready to wear in a single appointment after adapting the length. Our delivery time is only 14 calendar days.

Main features

- **Semi-custom fit:** Standard anatomical shape for a selection of prosthetic knees.
- **Semi-articulated coverage:** Envelops the entire prosthesis from socket to ankle with a functional knee joint allowing smooth, natural movement.
- **No photos** and measurements required.
- **Robust protection:** Shields delicate prosthetic components from everyday impacts, friction, and environmental damage, and clothing from pinching and damage caused by prosthetic components.
- **High-quality material:** Manufactured using an advanced, durable material as polyamide (PA12). Lightweight and long-lasting.
- **Plain design** (U).
- **Limited colors:** skin tones (Ö1 / OB 0 / OB2 /OB4 /OB12), Black, White, Grey, Blue.
- **Secure attachment methods:** magnets with c-clamp system for the transfemoral cover. Velcro strap + 3M Dual Lock for stability and quick adjustment in the femoral.
- **Water-resistant surface:** Easy-to-clean, smooth surfaces repel water, supporting hygiene and maintenance without compromising prosthetic function.
- **Lightweight and comfortable wearability:** Engineered to be light enough for daily, extended use without adding strain.



Technical Sheet

QuickFit+

Feature	QuickFit+ (PA12)
Fit	Semi-customized to each user's prosthesis. NO simmetry. Requires adaptation to the prosthesis in the clinic.
Material	Rigid polyamide (PA12), a robust and durable thermoplastic with a strong, high-density structure, ideal for complex parts and waterproof applications.
Biocompatibility	Biocompatibility declaration: it meets USP Class I-VI and US FSA requirements for intact skin surface devices.
Temperature range	-20°C to +50°C (-5°F to +125°F).
Weight	Lightweight (avg. 500gr, depending on the user's anatomy).
Finish	Hard rigid surface. Satin.
Impact Resistance	High impact and abrasion resistance.
Design Options	Plain design. Colors: Black, White, Grey, Blue and Ö1/OB0/OB2/OB4/OB12. No extras available.
Compatibility	Transfemoral. Selected knees.
Recommended Use	Everyday, moderate activity, aesthetically oriented (K2-K3 users). Remove cover before strenuous or high-impact activities to protect the finishing, especially painting.
Bottom part attachment (to prosthesis)	Magnets and C-clamp 4 pairs of magnets (8 magnets in total) (19,6 - 23,5 Nm each pair). 2-4 screws for the Clamp to the prosthesis.
Upper part attachment (to socket)	Wrapped (wraps around the front of the socket) The attachment system for the upper part consists of a Velcro strap to tighten around the socket. An additional Dual Lock system is integrated for enhanced fit to the socket and security. To avoid unwanted noises, it is crucial to ensure a proper attachment to the socket and to maintain the recommended tolerances. (Please refer to the cutting and assembly instructions or consult your contact at UNYQ.)
Manufacture	Manufactured by 3D printing in Spain by the company: UNYQ Design Europe, S.L. (B21539135). Our products do not carry CE marking as they are not medical devices according to article 2 of Royal Decree 1591/2009 of 16 October, as well as being custom-made.

Ordering process

Ordering your custom QuickFit+ cover **does not require photos, measurements, or a 3D scan** of the prosthesis or the patient. Simply choose the prosthetic knee model and select one of our 9 available colors.

You can place your order through one of the following convenient methods:

- **UNYQ App (iOS/Android) or Online Shop (unyq.com):**

Access our secure online ordering platform (login required; credentials provided upon registration) to submit your order. Easily enter your order details and track its status across any of our platforms.

- **Order form (PDF):**

Download the order form PDF from our website, complete the required details, and send it via email to our team. This option offers flexibility and is suitable for clinics preferring email correspondence.

For detailed instructions, downloadable forms, and additional resources, please visit our website page below. If you need assistance at any point, our team is available via phone or email to support you throughout the process

Access order forms and instructions:

unyq.com/help-center

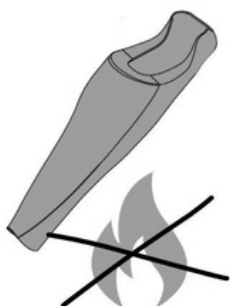


Tips & Care

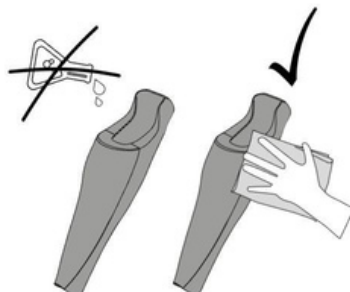


Avoid kneeling on hard surfaces.

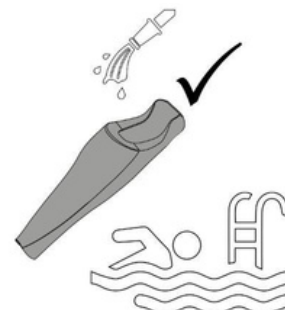
Minimize impacts with hard objects such as cars, tables, or staircases. Additionally, avoid situations where the cover might be dropped or where a fall could result in significant damage to the cover or its paint.



Keep the cover away from sharp or abrasive objects. This includes, but is not limited to, a naked flame, a heat bar, a fire gun or any other heating instrument regardless of the source of heat. The cover and paint are guaranteed to function between -20° C and 50° C (-4° F - 122° F).



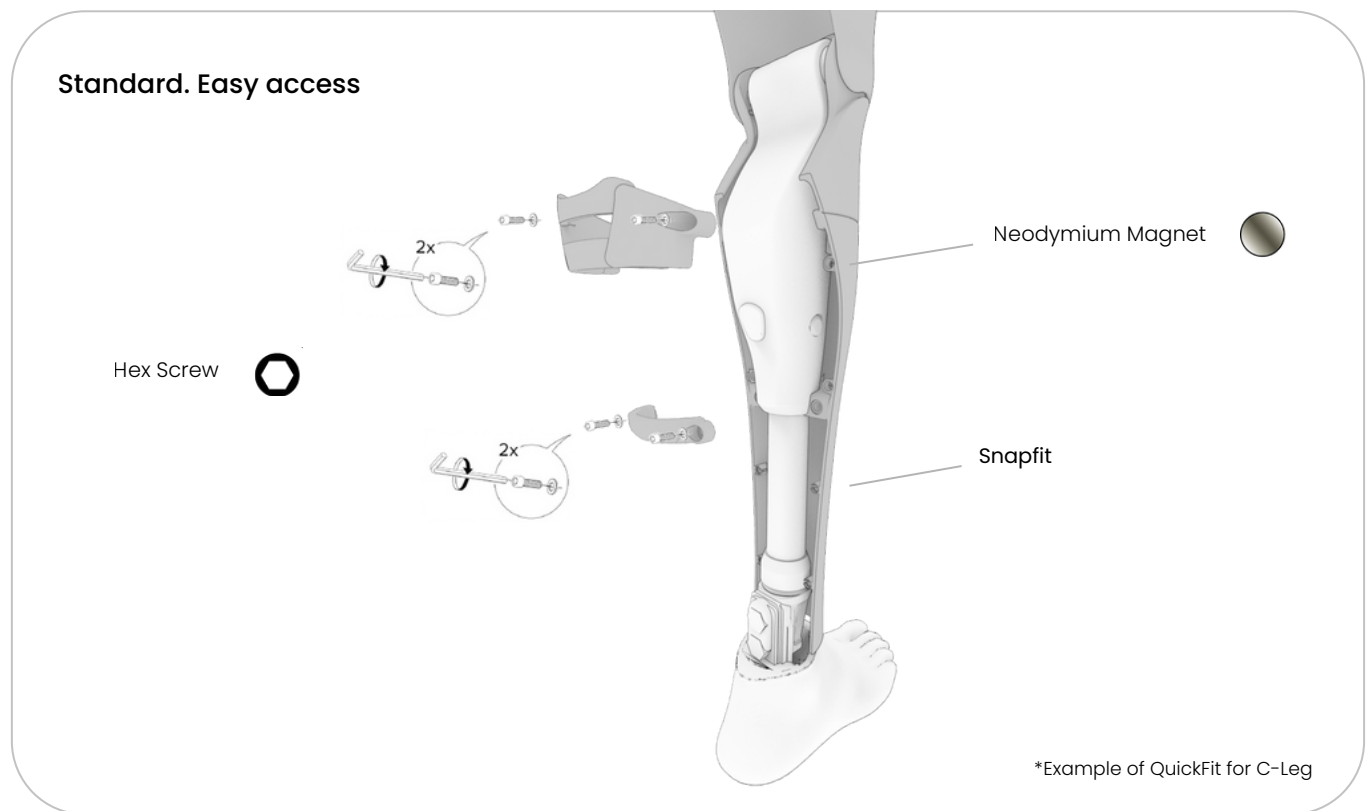
Clean the cover with a soft, damp cloth and dry it with a clean, dry cloth. Avoid using chemical cleaning products.



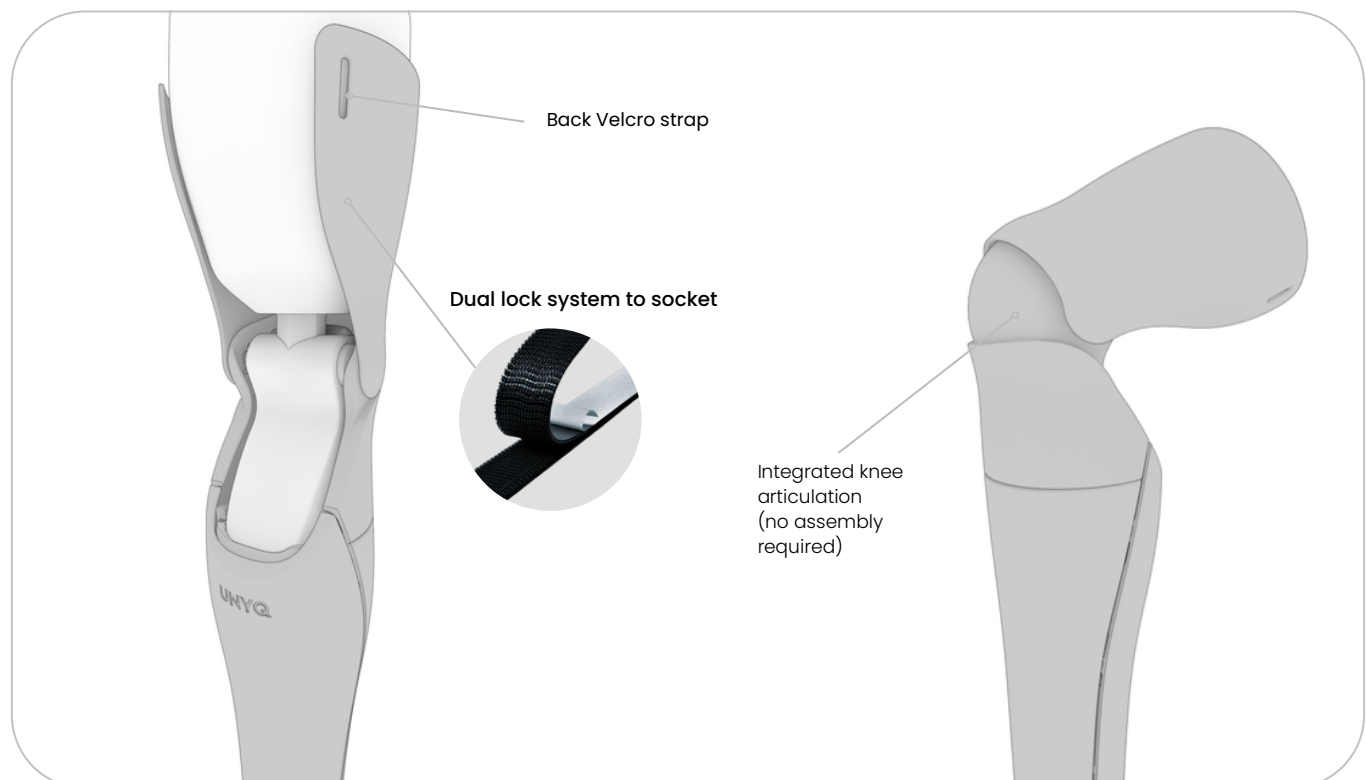
UNYQ covers are waterproof and can be used in fresh or saltwater. After water exposure, dry all metal elements (screws/inserts, magnets) thoroughly to prevent rust and extend the lifespan of your cover.

Assembly

Assembly bottom part: Magnets & C-clamp

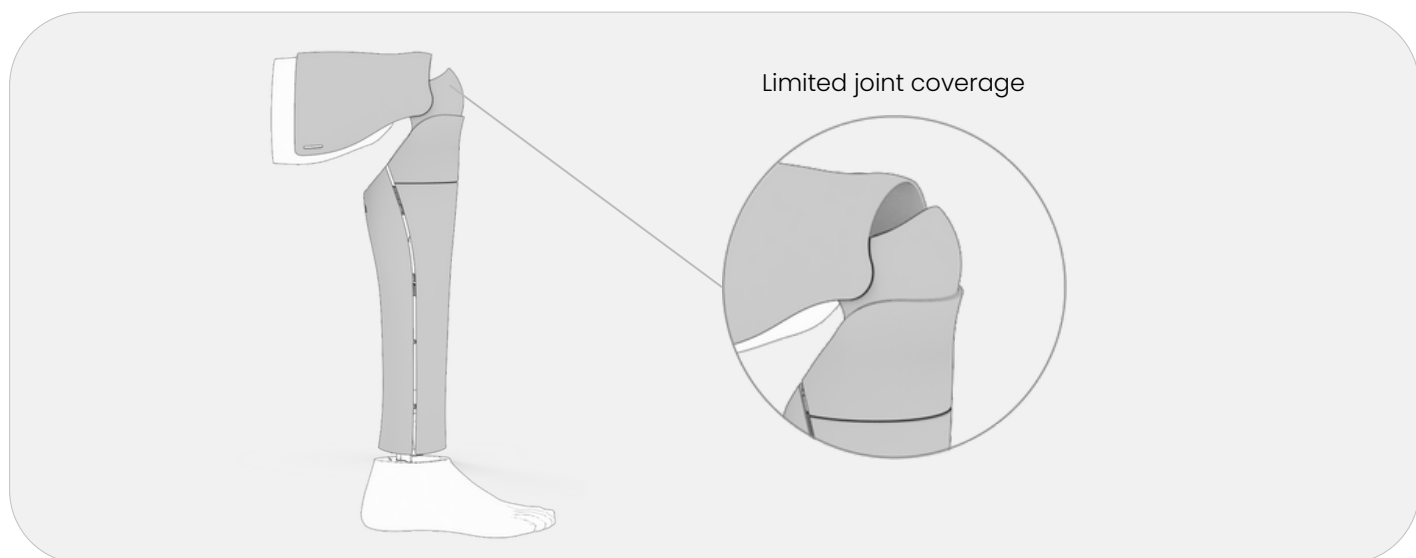
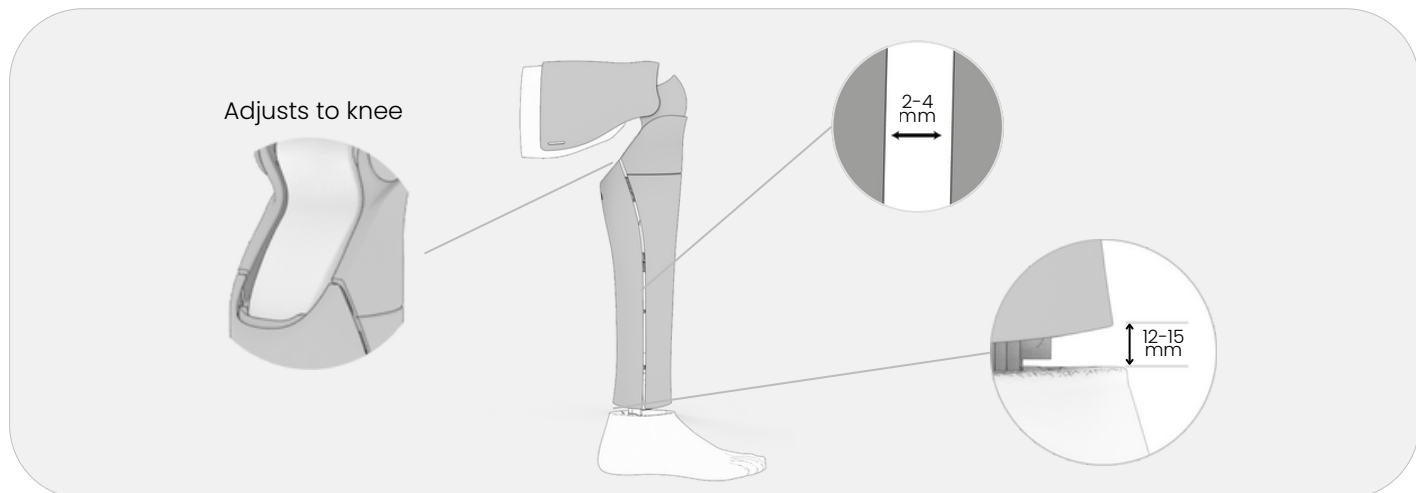


Assembly upper part: Wrapped



Technical specifications

General specifications



Cutting Instructions

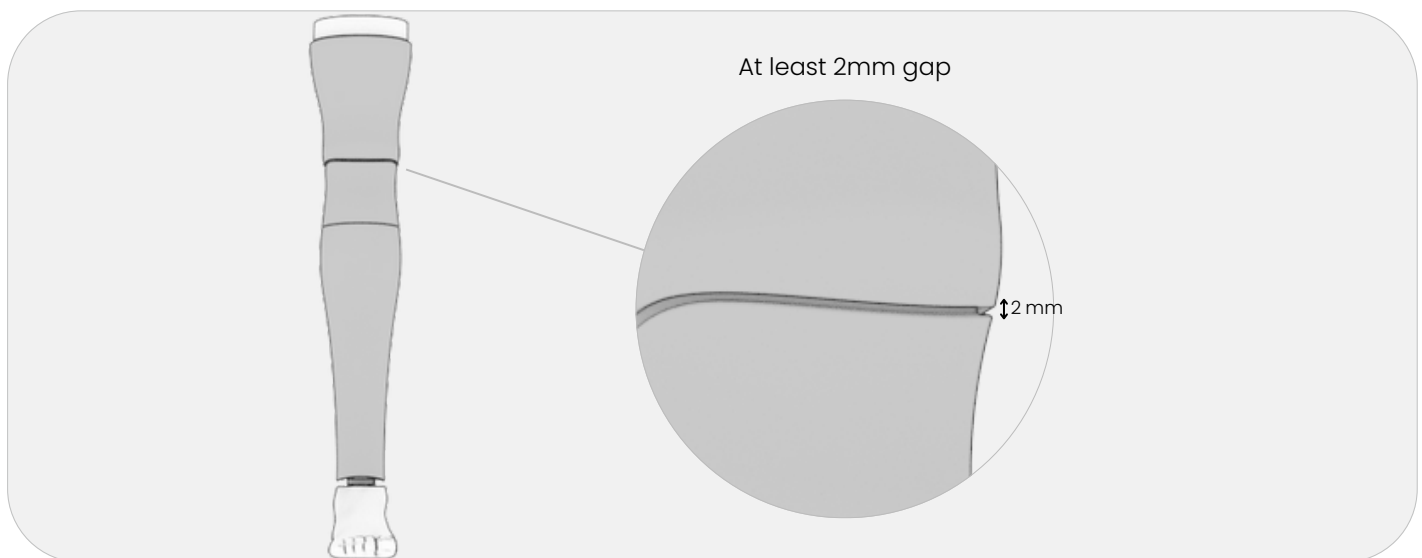
Upper Part - Wrapped

The upper part of the QuickFit+ (Wrapped) comes with a Velcro strap for tightening around the socket. The kit also includes a 3M Dual Lock strip that can be placed in the socket and in the Wrapped part for extra help and support.

To properly adjust the *Wrapped* part to the socket, it may be necessary in some cases to make a cut on the proximal area. In order to do this, please follow the cutting instructions provided for the bottom part later in the guide. If cutting the *Wrapped* section results in losing access to or use of the Velcro strap, the 3M Dual Lock strips, applied to the socket and the *Wrapped* section, will be enough for keeping the section in place.

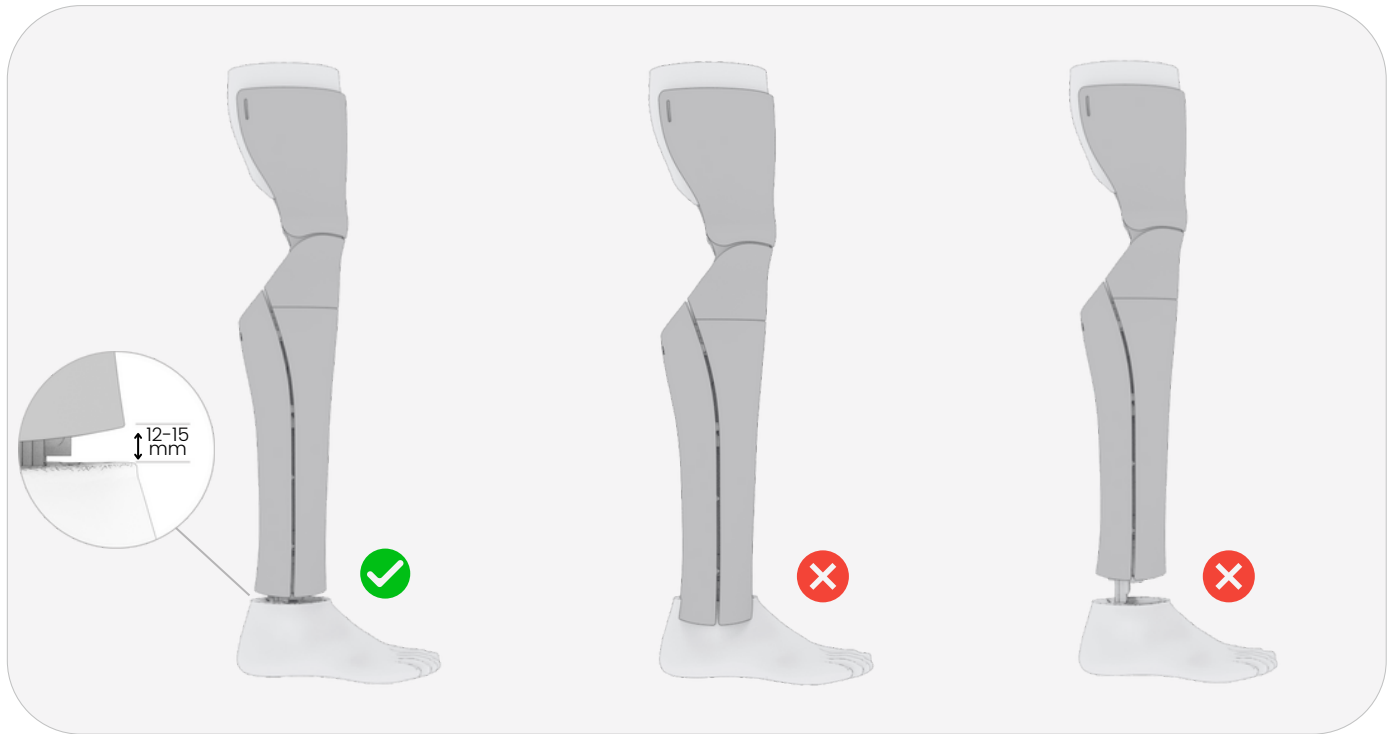
When adjusting the QuickFit+ to the prosthesis for the first time, please beware there should be a gap of at least 2 mm between the femoral part (Wrapped) and the transfemoral part (bottom). **These two layers must not touch each other.**

It may be necessary for the prosthetist to use additional workshop materials to ensure the best possible fit.



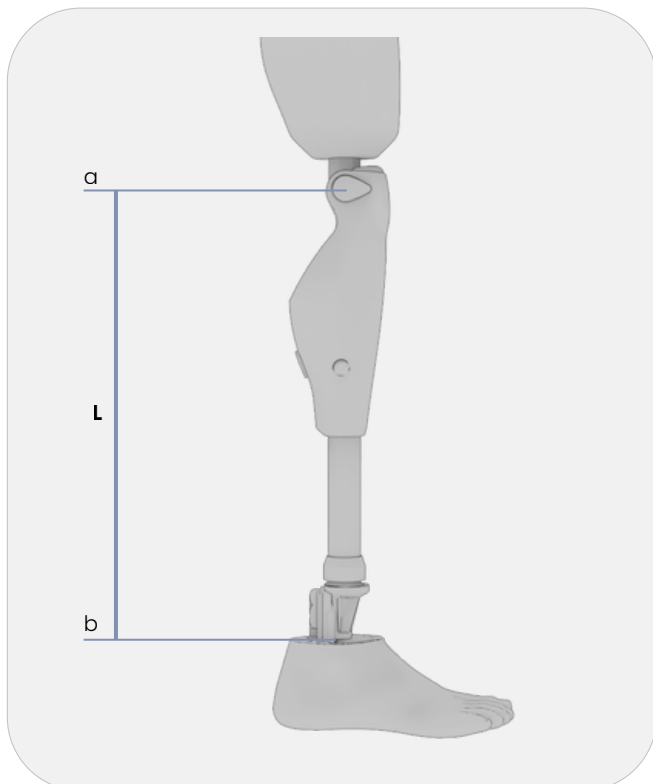
Cutting Instructions

Bottom Part

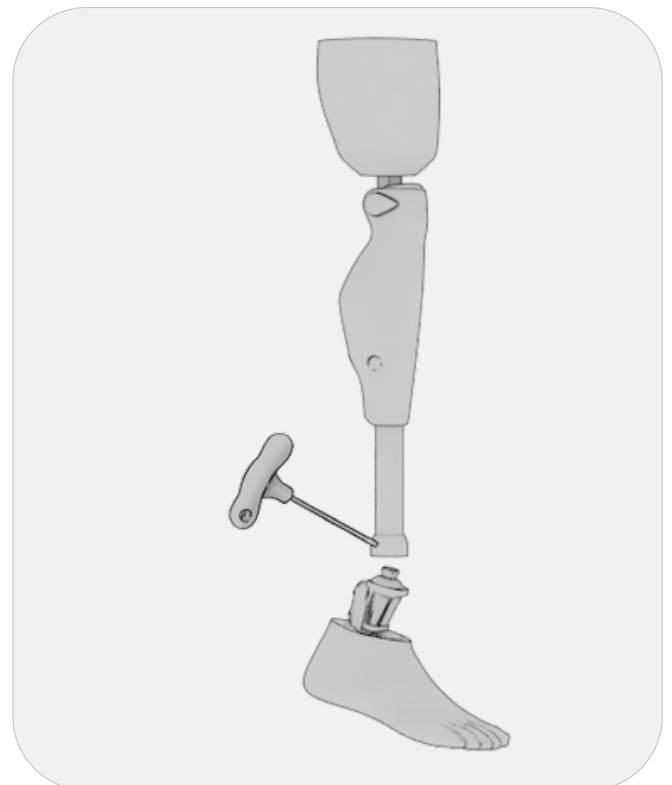


Note: The suitable length of the cover should be 12-15mm above the cosmetic foot to avoid collisions with the cover.

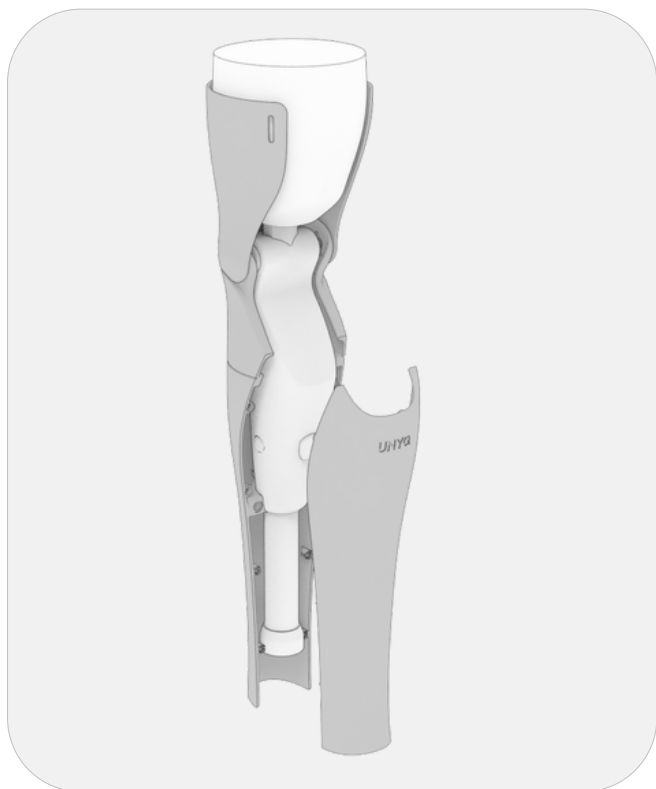
1. Measure the length (**L**) between knee axis and cosmetic foot.



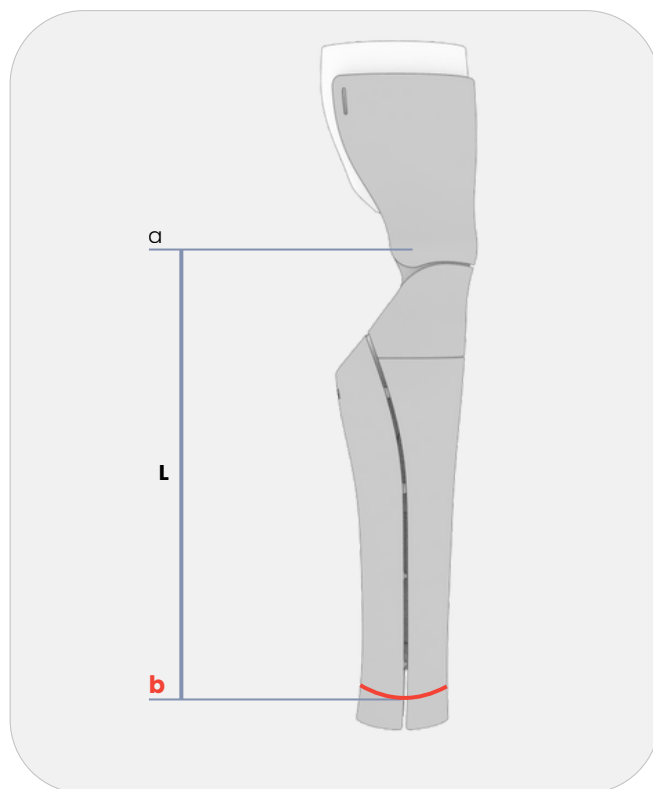
2. Disassemble prosthetic foot.



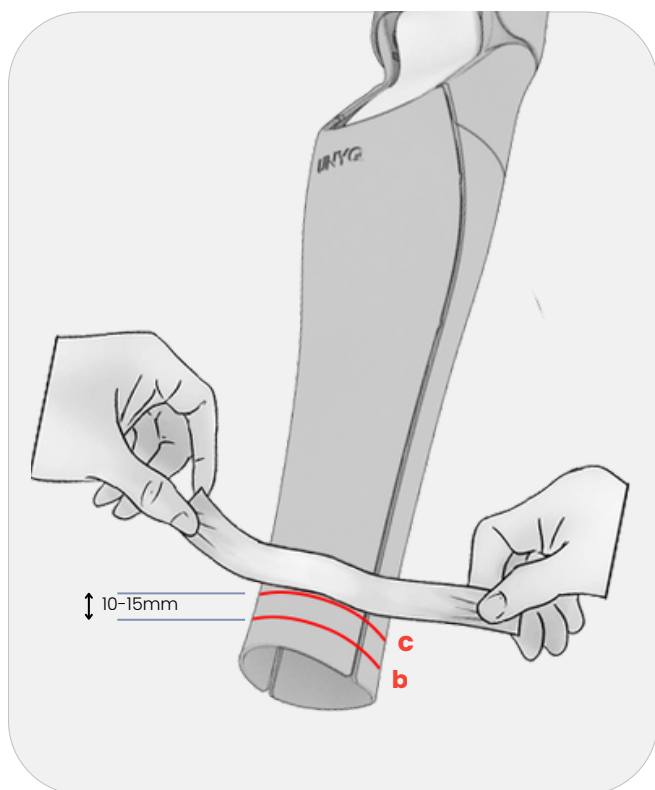
3. Place the QuickFit+ on the prosthesis.



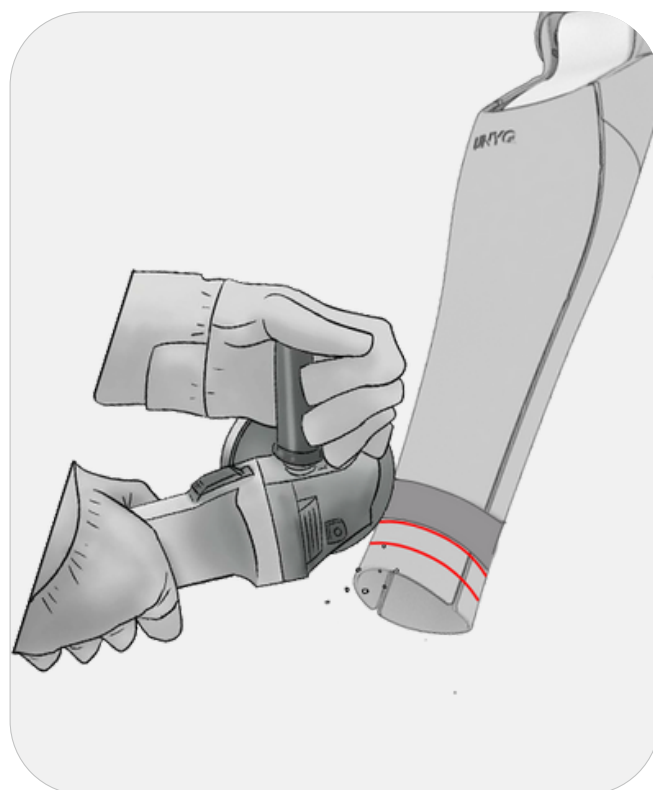
4. Mark the measured length (**L**) on the transfemoral cover (**b**).



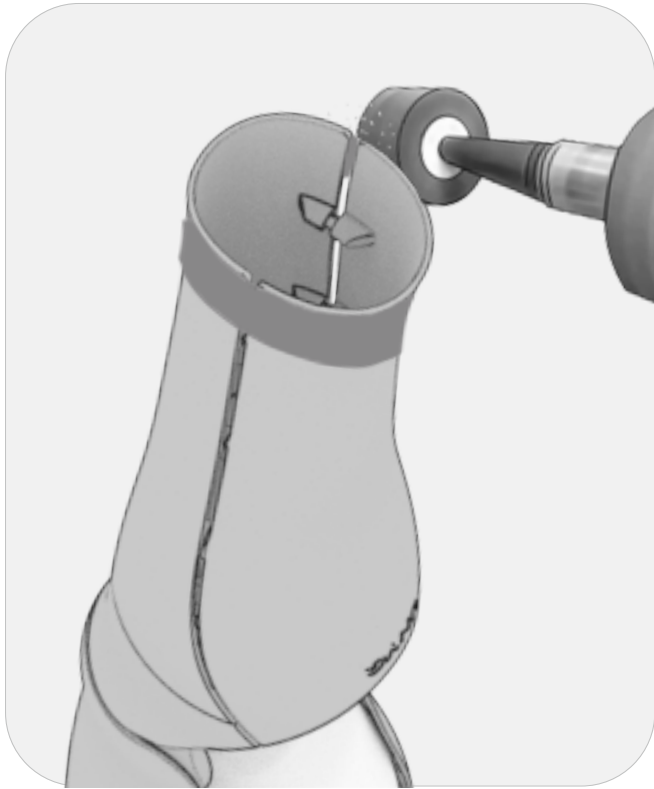
5. Remove from prosthesis and draw a line **10-15mm above the mark (c)**. Place tape above the cutting line to avoid plastic from chipping.



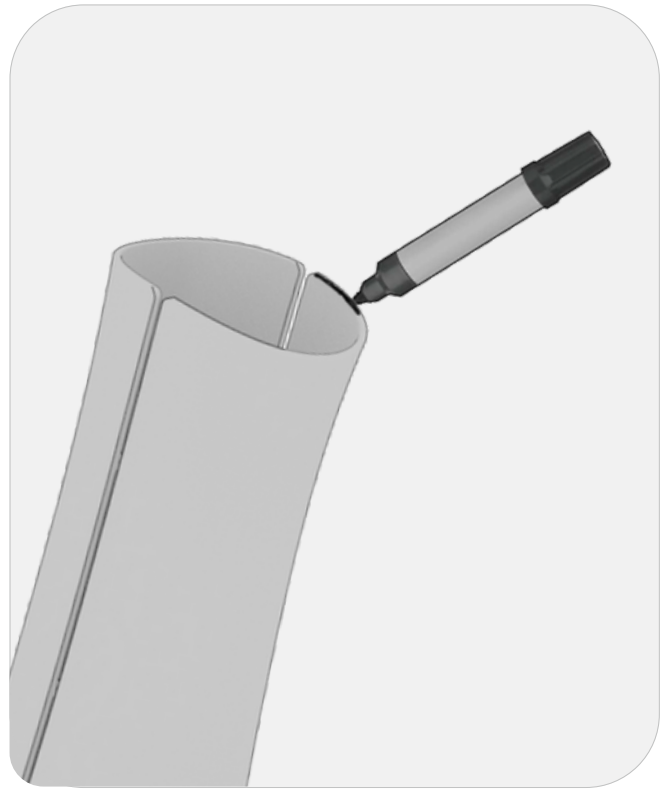
6. Cut through the mark (**c**).



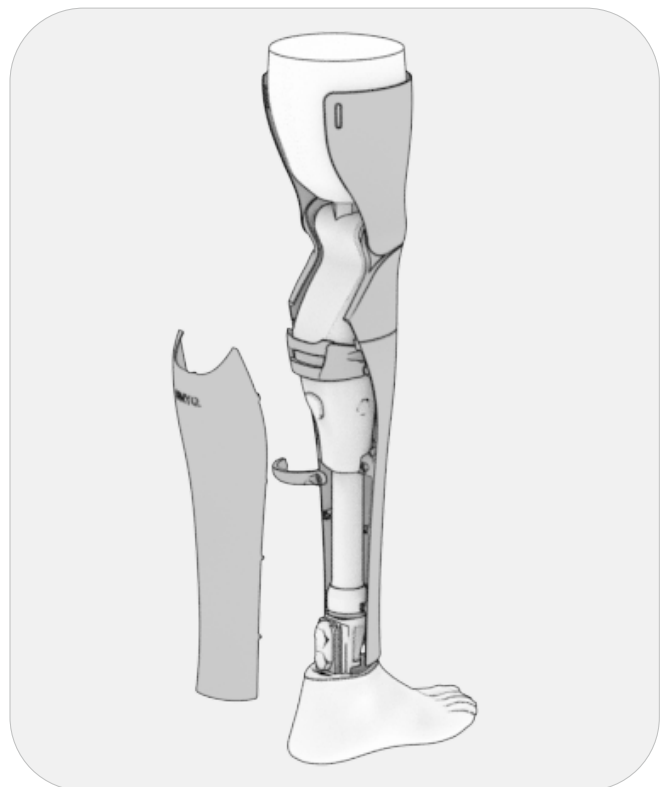
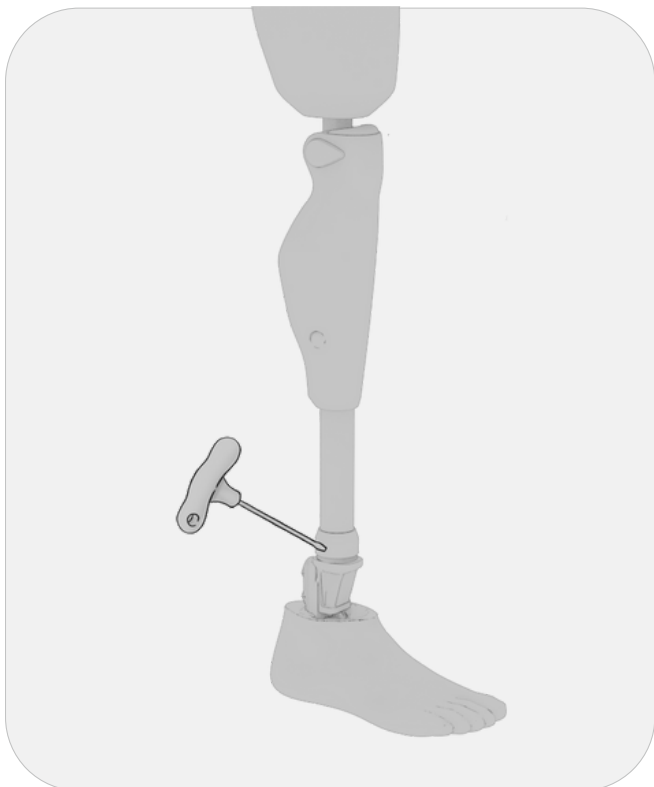
7. Grind the trimmed piece, always leaving the tape on, to avoid plastic and paint from chipping. Remove the tape after this step.



8. Retouch the edge for a better finishing.



9. Put the prosthesis back together and place the QuickFit+ on it.



Replacement

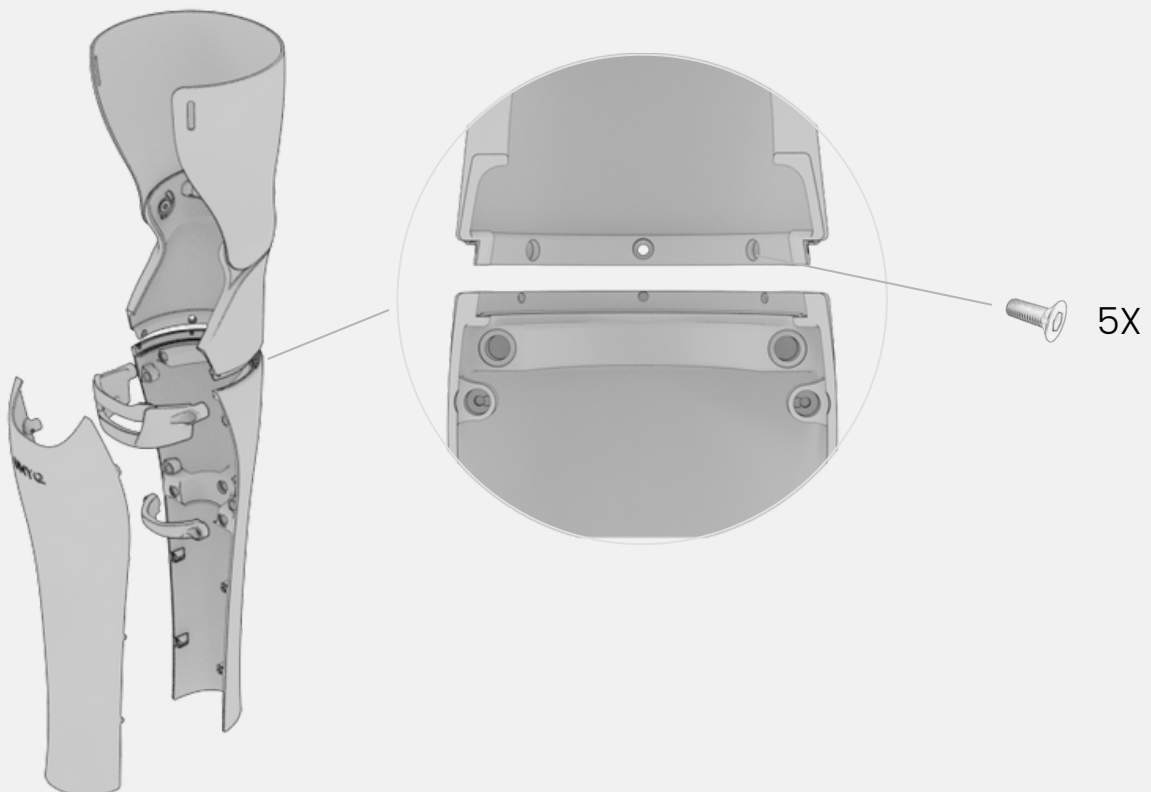
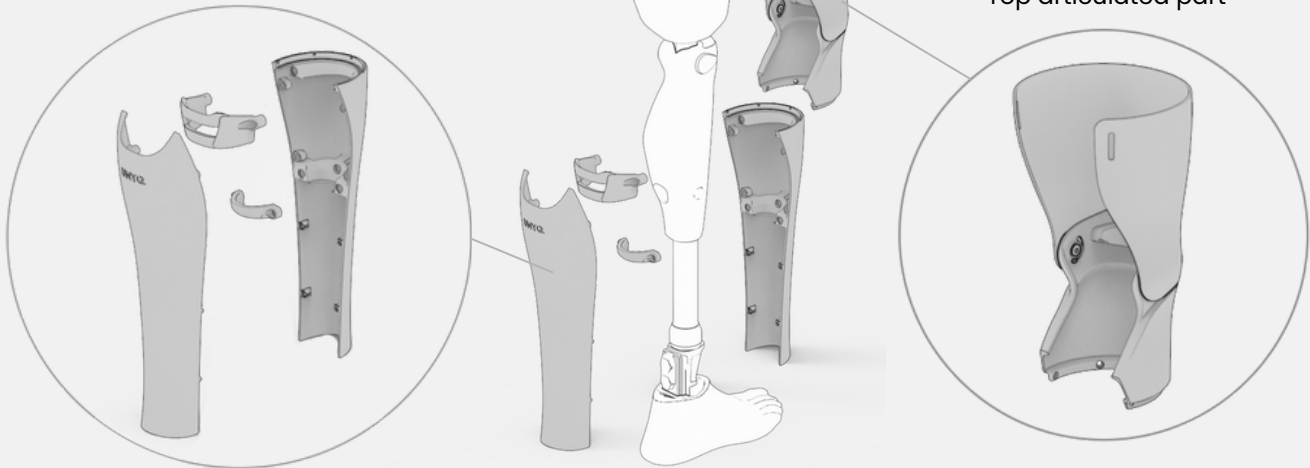
In case of wear, breakage or an error when adjusting the different parts of the QuickFit+ to the prosthesis, it is possible to acquire only the affected part. The bottom and upper parts of the QuickFit+ are joined using five **M3x6 flat-head DIN 7991 Allen** screws.

Simply unscrew to separate the bottom part from the upper part and replace it with a new one.

QuickFit+

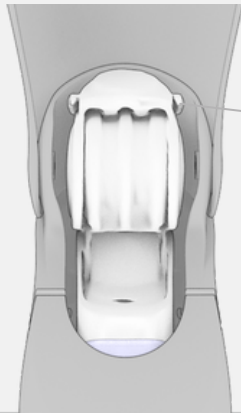
Base cover

Top articulated part

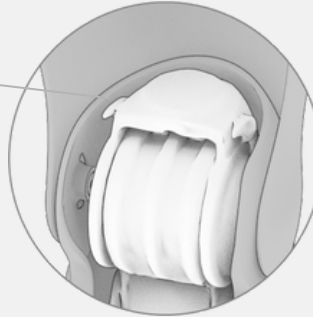


Technical specifications by knee type

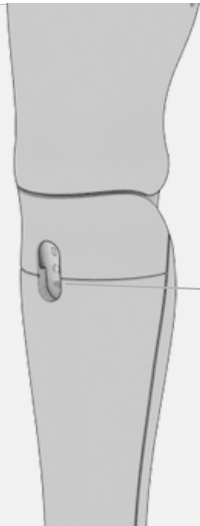
QuickFit+ 3R80 Current and pre 2025 version



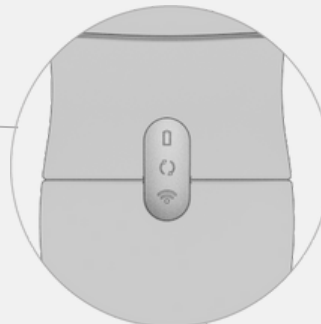
Access the locking
function from the back



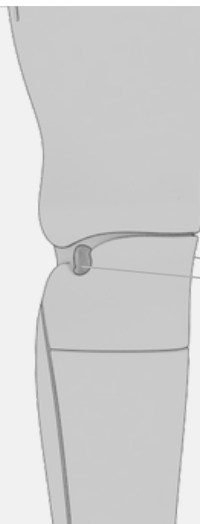
Quattro



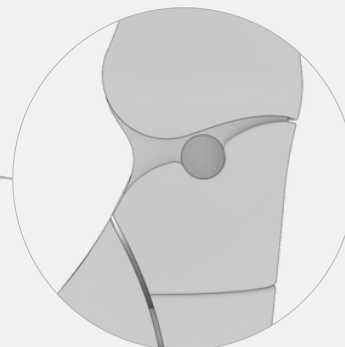
Access to the knee
buttons in the front



RHEO / RHEO XC



Access to buttons
both sides of the knee



Warranty

General warranty information

At UNYQ, we take pride in the quality and craftsmanship of our prosthetic covers, offering a one-year warranty against defects in materials, production, and workmanship up to the point of delivery. Our covers are designed to protect your prosthetic components while enhancing your personal style, but, like any protective product, they may show signs of wear and tear with daily use.

It's important to note that damages such as scratches, paint wear, or material breakage caused by impacts, friction with abrasive surfaces (e.g., sharp objects, asphalt, or corners), or similar activities are not covered under our warranty. Painting is also excluded from warranty coverage. However, for cases outside of our warranty, we provide a repaint service to help restore your cover's appearance.

To maintain your cover in excellent condition, we recommend using it for everyday activities and avoiding high-impact situations such as sports. For added longevity, consider removing the cover during these activities. By following these guidelines, you can enjoy the durability and style of your cover for years to come.

Standard products: QuickFit+

Our QuickFit+ covers offer a standard ready-to-use solution for everyday protection and anatomic shape. They are designed to fit on specific prosthetic knees, and close the gap between transfemoral cover and socket, offering protection with a standard anatomic shape and size. Unlike our personalized collections, these covers require adaptation by a prosthetic technician for the best fit. If you detect any material or manufacturing defects, these must be reported to UNYQ before any modifications to ensure proper resolution.

Disclaimer

1. General

1.1. General Liability Limitation: UNYQ prosthetic covers are designed to provide protection and enhance prosthetic aesthetics. Their optimal performance depends on proper use as outlined in the care recommendations above. UNYQ is not liable for damages resulting from modifications, misuse, negligence, falls, severe impacts, or other situations beyond its control.

1.2. Exclusion Conditions: Cosmetic damages such as scratches, paint wear, friction marks, and breaks caused by impacts or falls are not considered manufacturing defects and are not the responsibility of UNYQ. These are not covered by the warranty.

1.2.1. Changes to prosthetic components or their alignment after placing the order and/or sending measurements, photos, or scans to UNYQ may affect the functionality and fit of the cover. Such changes are not covered by the warranty.

1.2.2. While we make every effort to reproduce our color chart consistently across different platforms and formats (app, website, printed materials, etc.), variations may occur due to the characteristics of individual screens or media. As a result, colors and finishes may slightly differ from the images displayed on your device.

1.2.3. Climatic and Chemical Conditions: It is essential to keep the products within the specified temperature range (-20° C to 50° C) and to avoid exposure to chemicals that could damage the materials.

1.3. Care Recommendations: Proper maintenance and cleaning are vital to preserving the product's condition. Neglecting these areas may compromise its durability.

3. Standard Covers: QuickFit & KneeFit

Standard covers are designed to offer a practical and efficient solution. Therefore:

3.1. Any defects must be reported before making adjustments to allow UNYQ to evaluate and address the issue appropriately.

3.2. Necessary adaptations to fit the cover to the prosthesis must be performed following UNYQ's instructions and recommendations. The responsibility for adapting these covers lies with the orthopedic technician. In case of doubts or if additional modifications are needed, please contact UNYQ Customer Service beforehand.

3.3. Standard covers are designed for a specific knee model and length, and are not compatible with other knee types or lengths.

3.4. QuickFit+ covers separate pieces are not compatible with previous custom or standard covers from UNYQ. Separate parts are offered as replacements for QuickFit+ cover, but not aimed to be used alone or with other protective solutions. If you need a solution that mimics the natural shape of the sound leg, please reach out to our team for guidance.

Customer Service and Assistance

For any questions, support, or assistance with your order or product, our Customer Service team is here to help. Please contact us at:

Email: orders@unyq.com

Phone: +34 854 85 60 92 / +1 415 430 9676

If you need to make a formal complaint, you can access our Claims Form through our UNYQ App or at unyq.com/claimform